

FUTURE FISHERIES IMPROVEMENT PROGRAM

SUPPLEMENTAL INFORMATION SHEET FOR WATER LEASING OR WATER SALVAGE PROJECTS:

Lower Lost Creek Flow Enhancement, Dec. 2012

The following additional information is requested to supplement the Future Fisheries Application for projects associated with water leasing or water salvage. Please complete this supplemental form and submit it as part of the Future Fisheries Grant Application.

1. **Please complete the following table describing the water right(s) associated with the proposed project.** Note: Much of this information can be obtained either from your own water rights records or online at <http://www.dnrc.state.mt.us/wrd/home.htm> (choose “water rights” and then select an index to look up applicable claims)

RIGHT NUMBER; WATER SOURCE	POINT OF DIVERSION	QUANTIFIED FLOW (CFS)/ VOLUME (AF)/ IRRIGATED ACRES	PRIORITY DATE; PERIOD OF USE	RELATIVE PRIORITY ON WATER SOURCE	PURPOSE OF WATER RIGHT	OTHER CLAIMED ON THE STREAM SENIOR TO YOUR LISTED CLAIMS
76G-116496-00 Lost Creek	T5N R9W Sec 6 NESWNE 46.2204 N -112.7690 W	3.85 cfs / ac-ft / 160 irrigated acres	12/31/1900; April 1 st through Nov. 4 th	34 th in decree on Lost Creek	Irrigation	152 cfs of irrigation rights claimed which are senior

2. **In the last 10 years, has your full water right amount regularly been available at your point of diversion throughout your period of use?**

Yes / No (Please circle one) *YES, USGS gage record shows availability of water throughout the summer in most years (2002 to 2010). Mean daily minimum flow is about 4 cfs in July and August and 7.5 cfs in September. Therefore this right can be served in most years, despite over-appropriation of water upstream. Some of the flow at the gage site may be return flows from upstream irrigation and other groundwater inflow.*

Have you ever made “a call” on junior water users to obtain the water you needed (through a water commissioner or otherwise)?

Yes / No (Please circle one) *NO*

3. **Please describe or include a summary of any measurements of the amount of water you have regularly diverted and how much typically flows by your diversion during different time periods.** *The diversion headgate was resized in 2000 for approximately 6-8 cfs. Usual amount diverted is 2-4 cfs (estimate). The amount flowing in the creek downstream of the diversion in late summer is 0-2 cfs. On August 3, 2011, 2.5 cfs was*

measured in the ditch and estimated by Trout Unlimited team to be greater than 90% of the flow in Lost Creek at that site.

4. Has your local FWP fish biologist confirmed that your leasing/salvage project addresses a stream flow problem that significantly limits the fishery?

Yes / No (Please circle one) **YES**

5. How much actual water (often different than just the remainder of your water rights) will be added to the stream through completion of your project?

3.8 cfs Please fill in and circle one – cfs / gpm / miners inches

What length of stream will benefit from this additional flow? (Note: Under certain circumstances, senior water can be protected legally from diversion by downstream junior users.)

One miles (please fill in or describe)

6. Is there a water commissioner on your stream? Yes / No (Please circle one) **NO**

Are you willing to actively assist in monitoring and/or protecting the conserved water instream? Yes / No (Please circle one and describe)

YES, the Clark Fork Coalition will work with Hans Lampert to monitor the diversion on Beckstead Ditch and close the headgate on 5 July. The Coalition will monitor the canal and stream flows, monthly from June until October, each year. Although the right is relatively junior, the excellent flow data from the USGS gage just upstream indicates that flow is adequate to serve the water right (mean daily minimum flow is slightly greater than the right for July, August, September 2002 to 2010). Therefore, closing this headgate in the late season will result in actual water delivered to the stream. Other water rights on this ditch (Dry Cottonwood Creek Ranch, Hadley Ranch, Emmette Whalen) are inactive, and have not been used for 40-50 years at least. The conveyance structures for these inactive rights are seriously deteriorated or non-existent.